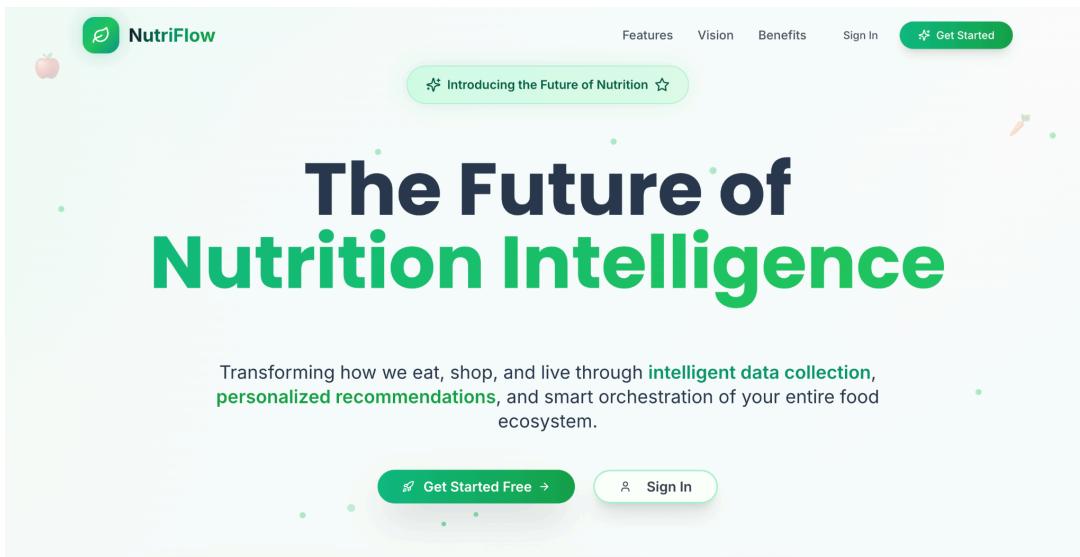


UI Mocks/Styling Prototypes

Below is a series of mocks we generated as the rough stylistic guide for our application. This is not an exhaustive list, nor will our final application mirror it exactly. We have left much of the UI design work for the Spring, as we spent the majority of this semester ensuring that we had a solid foundation as far as our data models and backend architecture go.

Landing page (Web-only):



Dashboard:

A screenshot of the NutriFlow dashboard. At the top, there's a navigation bar with the NutriFlow logo, a search icon, and links for 'Recipe Search', 'Meal Planner', 'Cuisine Explorer', 'Insights', 'Upgrade to Premium', and a user profile for 'Demo User Standard Member'. A welcome message 'Welcome back, Demo User' is displayed with a brain icon. Below the header, there are several cards: 'Today's Nutrition' showing progress for protein, carbs, vegetables, and healthy fats; 'Achievements' showing three progress bars for 'Budget Chef', 'Nutrition Hero', and 'Waste Warrior'; and 'Meal Suggestions For You' showing three thumbnail images of meals. A small banana icon is in the bottom right corner.

Weekly Meal Planner:

[Back to Dashboard](#) | **Weekly Meal Planner**
Plan your meals and generate automatic grocery lists

 **3** Meals Planned

 **\$53** Total Cost

 **1225** Total Calories

 **22** Grocery Items

This Week's Meals

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------|---|--|-----------|-----------------------------------|--------|----------|--------|
| Breakfast | Mediterranean Quinoa... ⌚ 25m \$ 6.99 | + | + | Thai Green... ⌚ 30m \$ 4.76 | + | + | + |
| Lunch | + | Grilled Salmon... ⌚ 20m \$ 10.21 | + | + | + | + | + |
| Dinner | + | + | + | + | + | + | + |

Grocery List
22 items

- Feta Cheese 4 oz \$3.99
- Coconut Milk 1 can \$2.49
- Fish Sauce 2 tbsp \$0.50
- Brown Sugar 1 tbsp \$0.10
- Quinoa

Insights Page:

[Back to Dashboard](#) | **Advanced Insights**
Nutrition trends & analytics

30 Days  

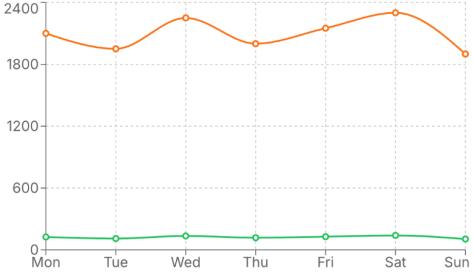
2031
Avg Daily Calories
↗ 5% vs last week

\$456.58
Weekly Spending
↘ 12% vs last week

18
Meals Planned
↗ 8% vs last week

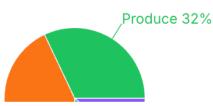
\$25.5
Money Saved
↗ 15% vs last week

🔥 Nutrition Trends



\$ Spending Breakdown

| Category | Amount | Percentage |
|-------------|---------|------------|
| Produce | \$45.67 | 32% |
| Meat & Fish | \$62.34 | 44% |
| Dairy | \$18.99 | 13% |
| Pantry | \$15.5 | 11% |



Insights Page (continued):

Nutrition Goals Progress

| Category | Current | Total | Status |
|------------|--------------|------------|-------------------|
| Protein | 68/120 g | 120 g | 57% of daily goal |
| Vegetables | 5/8 servings | 8 servings | 63% of daily goal |
| Water | 6/8 glasses | 8 glasses | 75% of daily goal |
| Fiber | 28/35 g | 35 g | 80% of daily goal |

Meal Diversity

| Cuisine | Meals |
|---------------|---------|
| Asian | 8 meals |
| Mediterranean | 6 meals |
| American | 4 meals |
| Mexican | 3 meals |
| Italian | 2 meals |

Diversity Score: 85%
Great variety! Try adding more cuisines for bonus points.

This Week's Achievements

- Protein Goal Achieved**
Hit your protein target 5 days in a row
- Hydration Hero**
Drank 8+ glasses of water daily

Personalized Recommendations

- Boost Your Fiber**
Try adding quinoa or chia seeds to your breakfast for 7g extra fiber daily.
- Optimize Your Budget**
Shop at Aldi for produce - you could save \$8.50 weekly based on your purchases.

Exploration (Food search/discovery):

Food Search

Find nutrition info & recipes

Discover Food & Nutrition

Search for any food item, recipe, or upload an image to get detailed nutrition information and pricing.

Search for food items, recipes, or ingredients...

Upload Pantry/Receipt Image

All Produce Protein Grains Dairy Recipes

All Food Items & Recipes

14 items found

| | | | |
|--------|--------|--------|--------|
| \$4.99 | \$8.99 | \$1.99 | \$3.49 |
|--------|--------|--------|--------|

Smart Pantry:

The Smart Pantry dashboard provides a central hub for tracking household food items. Key metrics include:

- Total Items: 8
- Expiring Soon: 0
- Money Saved: \$157
- Eco Level: Eco Champion

Search bar: Search pantry items...
Filter buttons: All Categories, All Status

8 items expired
Consider using these items soon or composting them

| Item | Type | Quantity | Expires | Action Buttons |
|-------------------|---------|-------------|-------------|----------------|
| Bananas | Produce | 6 pieces | 44 days ago | - + ⚙️ Use |
| Fresh Spinach | Produce | 1 bag | 45 days ago | - + ⚙️ Use |
| Greek Yogurt | Dairy | 1 container | 41 days ago | - + ⚙️ Use |
| Whole Grain Bread | Bakery | 1 loaf | 43 days ago | - + ⚙️ Use |

Household Collaboration Page:

The Family Collaboration page allows users to manage shared meal planning and grocery lists across a household.

The Johnson Family

| Member | Email | Status |
|---------------|-------------------------|--------|
| Sarah Johnson | sarah.johnson@email.com | Active |
| Mike Johnson | mike.johnson@email.com | Active |
| Emma Johnson | emma.johnson@email.com | Active |

This Week

| |
|----------------------|
| 18 Shared Meals |
| 3 Active Lists |
| \$127 Shared Savings |

Shared Meal Plans

| | |
|--------------------|-------------|
| Mediterranean Week | active |
| S Sarah Johnson | 2 hours ago |
| 3 meals | View Plan |

Shared Shopping Lists

| | |
|------------------------|-----------|
| Weekend Grocery Run | Complete |
| Items completed | 12/12 |
| 3 members contributing | View List |